

Amended CLAIMS (during international preliminary examination)

1. A method of manufacturing an uncoated paper comprising at least one mark resembling a watermark, characterized in that said mark is produced after the paper drying step, by performing steps wherein :
- 5 a) a rewetting solution is applied to at least one side of an uncoated paper in specific area(s), then
- 10 b) pressure and heat are applied to said area(s), of re-wetted paper so as to evaporate said solution and increase the density of the uncoated paper in said area(s), with respect to the rest of the paper, by applying said pressure and said heat to the entire surface of the paper.
- 15 2. A method according to claim 1, characterized that in the step a), said rewetting solution is applied to the paper by means of an inkjet printing device, and particularly a digital inkjet printing device, wherein the ink is replaced by said rewetting solution.
- 20 3. A method according to claim 1 to 2, characterized that in the step b) said pressure and said heat all are applied by calendering the uncoated paper.
- 25 4. A method according to claims 1 to 3, characterized in that said rewetting solution is an aqueous solution.
- 30 5. A method according to claims 1 to 4, characterized in that said rewetting solution comprises additives chosen from amongst wetting agents, colorants, and particularly tinting agents, fluorescent whiteners, fluorescence-inhibiting agents, anti-counterfeiting agents, and authentication agents.
- 35 6. A method according to claim 4, characterized in that said aqueous solution is a hydroalcoholic solution.
- 40 7. A method according to claims 4 to 6, characterized in that said aqueous solution contains 1 to 10% by volume of ethanol in the water.
- 45 8. A method according to claim 4 or 5, characterized in that said aqueous solution contains 1 to 10% by weight of 2-pyrrolidone in the water.
9. A method according to claims 1 to 8, characterized in that said area(s) define a visual pattern when observed in transmitted light, as a result of reduction of the opacity of said area(s).
10. A method according to claims 1 to 9, characterized in that said area(s) define a visual pattern when observed in reflected light, as a result of the difference in color in said area(s).
11. Uncoated paper comprising at least one mark resembling a watermark, and corresponding to a specific area(s) of the uncoated paper having reduced thickness with respect to the rest of the uncoated paper, the weight per surface unit in the area(s) of the paper being identical to that of the rest of the paper, characterized in that this is produced

by the method according to one of claims 1 to 10.

12. Uncoated paper according to claim 11, characterized in that the said area(s) present a reduction in opacity with respect to the rest of the paper.

13. Uncoated paper according to one of claims 11 or 12, characterized in that said area(s) present a color, in particular a tint and/or a luminosity, which is different from that of the rest of the paper.

14. Uncoated paper according to one of claims 11 to 13, characterized in that said area(s) comprise agents chosen from amongst colorants, fluorescent agents, fluorescence-inhibiting agents, anti-counterfeiting agents, and authentication agents.

15. Uncoated paper according to one of claims 11 to 14, characterized in that this comprises two or more fibrous webs.

16. Uncoated paper according to the proceeding claim, characterized in that only one of the surface webs has a reduced thickness and/or a difference in tint and/or luminosity in said area(s), with respect to the rest of the multi-web paper.

17. Uncoated paper according to claims 11 to 16, characterized in that this comprises two or more laminated sheets of paper.

18. Uncoated paper according to the preceding claim, characterized in that the laminating/adhesive is colored.

19. Uncoated paper according to claim 17 or 18, characterized in that only one of the sheets of laminated paper has a reduced thickness and/or difference in tint and/or a difference in luminosity in said area(s), with respect to the rest of the laminated paper.